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Dep. Sec. Rm 207

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2005 APR -1 PM 12:43

In re application of

Docket No: Q86413

Mutsuko HIGO, et al.

Appln. No.: 10/525,523

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: February 24, 2005

For: PHOSPHOROUS ESTER COMPOUND, PROCESS FOR PRODUCING THE SAME, AND
USE THEREOF

REQUEST FOR REFUND

MAIL STOP 16

Director of the U.S. Patent and Trademark Office

P.O. Box 1450


Alexandria, VA 22313-1450

Sir:

Applicants hereby respectfully request a refund in the amount of \$100.00. This refund is to be credited to Deposit Account No. 19-4880.

Applicants believe that revised 37 C.F.R. § 1.492 allows reduced search and examination fees for applications in which the national fee was not filed before December 8, 2004. The above-referenced application was filed on February 24, 2005, with a copy of the International Search Report. (A copy of the copy of transmittal letter and PTO stamped Serial Number Card is attached.) Therefore, Applicants believe they are entitled to the reduced fee. A duplicate copy of this paper is attached.

Respectfully submitted,


John T. Callahan
Registration No. 32,607

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Repln. Ref: 05/25/2005 RWHITE1 0012192380

DAH:194880 NCT Case Number: 10525523

FC: 9204 23373 \$100.00 CR

CUSTOMER NUMBER

Date: March 29, 2005

Adjustment date: 05/25/2005 RWHITE1
03/04/2005 LLANDGRA 00000060 10525523
02 FC:1632 -500.00 OP

05/25/2005 RWHITE1 00000005 10525523

01 FC:1642

400.00 OP

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24/28



National Stage Entry of PCT/JP2003/010680
REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor(s): Mutsuko HIGO, Masaaki TANAKA, Hideaki AWA

Title: PHOSPHOROUS ESTER COMPOUND, PROCESS FOR
PRODUCING THE SAME, AND USE THEREOF

Atty Doc. #: Q86413 Client: SUMITOMO CHEMICAL
INTELLECTUAL PROPERTY SERVICE, LTD.

Filing Date: February 24, 2005 # Pgs. Spec/Abst*: 49/1 #Claims: 14

*1st page of WO 2004/020447, Form PCT/IB/304, Form PCT/IB/306

Dwg. Sheets: none Decl yes Prelim Amdt no **10/525523**

IDS/PTO/SB/08 A & B/ISR/refs: yes Asgmt/PTO-1595: yes

Fees: \$1000.00 + \$40.00

☐ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: JTC/ech

DT07 Rec'd PCT/PTO 24 FEB 2005

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February 24, 2005

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2003/010680
-filed August 25, 2003

Re: Application of Mutsuko HIGO, Masaaki TANAKA, and Hideaki AWA
PHOSPHOROUS ESTER COMPOUND, PROCESS FOR PRODUCING THE
SAME, AND USE THEREOF
Assignee: SUMITOMO CHEMICAL COMPANY, LIMITED
Our Ref: Q86413

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is the first page of WO 2004/020447 A1.
- ☒ a copy of Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304).
- ☒ a copy of Notification of the Recording of a Change (Form PCT/IB/306).
- ☐ 0 sheet(s) of drawings.
- ☐ an English translation of Article 19 claim amendments.
- ☐ an English translation of Article 34 amendments (annexes to the IPER).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement with a PTO/SB/08 A & B (modified) listing the three ISR/IPER references plus one additional reference.
- ☒ a copy of each reference cited in the ISR/IPER.
- ☐ a Preliminary Amendment.
- ☒ It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

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SUGHRUE MION, PLLC

Commissioner for Patents
February 24, 2005
Page 2

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The Government filing fee is calculated as follows:

Total claims	<u>14</u> - 20 = _____	x	\$50.00 =	<u>\$0.00</u>
Independent claims	<u>1</u> - 3 = _____	x	\$200.00 =	<u>\$0.00</u>
Base Fee				<u>\$300.00</u>
Search Fee				<u>\$500.00</u>
Examination Fee				<u>\$200.00</u>
TOTAL FILING FEE				<u>\$1000.00</u>
Recordation of Assignment				<u>\$ 40.00</u>
TOTAL FEE				<u>\$1040.00</u>

Checks for the statutory filing fee of \$1000.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-253210	August 30, 2002

Respectfully submitted,

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10680

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07F9/6568, 9/6574, 9/6578, C08L23/00, 101/00, C08K5/524, C09K15/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07F9/6568, 9/6574, 9/6578, C08L23/00, 101/00, C08K5/524, C09K15/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched :

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), REGISTRY (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 775723 A1 (ASAHI DENKA KOGYO KABUSHIKI KAISHA), 28 May, 1997 (28.05.97), & JP 8-34877 A	1-14
X	JP 5-331180 A (Yoshitomi Seiyaku Kabushiki Kaisha), 14 December, 1993 (14.12.93), (Family: none)	1-14
X	JP 1-121368 A (Adeka Argus Chemical Co., Ltd), 15 May, 1989 (15.05.89), (Family: none)	1-14

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
25 September, 2003 (25.09.03)Date of mailing of the international search report
21 October, 2003 (21.10.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

Form PCT/ISA/210 (second sheet) (July 1998)

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UNITED STATES PATENT & TRADEMARK OFFICE
Washington, D.C. 20231

5010 5/25/05

REQUEST FOR PATENT FEE REFUND			
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SIGNATURE: Rita White		PHONE: 7/308-9140 ext. 231	
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